Seagate® BlackArmor® NAS 440/420

Network Attached Storage Server

Competitive Landscape – NAS

	Seagate	Netgear	Buffalo	LaCie	WD	Iomega
Product	BlackArmor NAS 440/420	Netgear ReadyNAS NV+	TeraStation III	Big 5Disk	ShareSpace	StorCenter Pro ix4
CPU	1.2 GHz		800MHz	500MHz	500MHz	400 MHz
RAM	256MB	256MB	512MB	128MB	128MB	512MB
Flash	32MB	64MB	512MB	4MB	16MB	
HDD Performance	7200 RPM	Varies	Varies	Varies	Varies	7200 RPM
Ethernet	GigaLAN x2	GigaLAN x1	GigaLAN x2	GigaLAN x1	GigaLAN x1	GigaLAN x1
USB	4	3	2	1	2	4
Internal HDD Support	SATA I/II	SATA I/II	SATA	SATA	SATA I/II	SATA II
HDD Capacity	2,4,6,8TB	1, 1.5, 2, 3, 4	2, 4TB	2.5, 5, 7.5TB	2, 4TB	2, 4TB
RAID levels	0,1, 5, 10, JBOD	0, 1, 5, X-Raid	0, 1, 5, 10, JBOD + hot spare	0, 5, 5, 6, 10, +Spare	0, 1, 5	5, 10 JBOD
Hot-Swappable	√	√	√	√	-	√
Jumbo Frames	√	√	√	√	√	-
Power Supply External / Internal	External	External	Internal	External	External	Internal
Redundant NICs	√	-	√	-	-	-
On-board LCD	√	√	√	-	-	-
Smart Fan	√	√	-	√	-	-
S.M.A.R.T.	√	-	-	-	-	-
Power Management	HDD Stand By	-	Scheduled shut down	Standby Mode, On, Off	-	-
UPS support	√	√	-	-	√	√
Protocol Support	CIFS/SMB, NFS, FTP, HTTP, HTTPS, Rsync, Bonjour	CIFS, NFS, AFP, FTP, HTTP, HTTPS, Rsync	CIFS/SMB, AFP, HTTP/ HTTPS, FTP/FTPS, NFS	SMB, AFP, FTP, HTTP, Apple Bonjour	FTP , SMB, HTTP , HTTPS	CIFS/SMB/Rally, NFS, Apple Bonjour, FTP, HTTP, SNMP
HTTPS / SSL Secure Login	√	√	√	√	√	-
FTP Server	√	√	√	√	√	√
E-mail Alerts / Notifications	√	√	√	√	√	√
Print Server	√	√	√	-	-	√
NAS to NAS Backup						
LAN	√	√	√	-	-	-
Direct	√	-	√	-	-	-
NAS to USB (scheduled)	√	√	√	√	Manual only	√
USB to NAS (Scheduled)	√	√	-	One click import	-	-
Client Back up (#of Licenses)	Acronis, 10 licenses	Retrospect, 5 licenses	Trial version of Memeo	Genie Backup Manager Pro, 3 licenses	Memeo, 3 licenses	Retrospect, unlimited
Bare Metal Recovery	√	√	-	√	-	√
Windows AD Integration	√	√	√	√	√	√
Internal Users & Groups	√	√	√	√	√	√
Custom Shared Folders	√	√	√	√	√	√
Multi-Volume Creation	√	√	-	-	-	-
Quotas	√	√	√	-	√	-
Recycle Bin Support	√	-	-	-	-	-
DDNS	√	-	-	-	-	-
Remote Access	√	√	-	√	√	-
Encryption	√	-	√	-	-	-
UPnP/DLNA Support	√	√	√	-	√	√
Download Manager Support	√	-	-	√	√	-
ITunes Server	√	√	-	-	√	√

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